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Kenneth A. Gandy
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:) Before the Examiner:
Loren J. Field et al.) Group Art Unit: 1653
Serial No. 10/080,943)
Filed: February 22, 2002)
p193 PROTEINS AND NUCLEIC ACIDS, AND USES THEREOF) October 3, 2002

SUBMISSION OF SEQUENCE LISTING

U.S. Patent and Trademark Office
BOX SEQUENCE, P.O. Box 2327
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Sir:

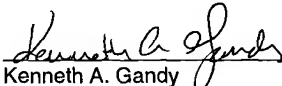
In response to the Notice to File Missing Parts of Nonprovisional
Application dated April 3, 2002, the applicants provide the enclosed written
Sequence Listing with pages numbered 1-25. Please insert this new Sequence
Listing to replace the current Sequence Listing. Also submitted herewith is a disk
containing the new Sequence Listing in computer readable form (CRF). The
content of the CRF is identical to the written Sequence Listing submitted
herewith. Neither the written Sequence Listing nor the CRF introduces any new
matter. They are identical to the corresponding elements in the parent

application, PCT/US00/23161, to which priority is claimed, and which has been fully incorporated into the present application by reference.

Please provide any extensions which may be necessary and charge any fees that may be due to Deposit Account No. 23-3030, but not to include payment of any issue fees.

Respectfully submitted,

By:


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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/080,943	02/22/2002	Loren J. Field	7037-458

CONFIRMATION NO. 6536

FORMALITIES LETTER

OC000000007780208

Kenneth A. Gandy
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Date Mailed: 04/03/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted



An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly-signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:


- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);
 - drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e));
- This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at

63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

A copy of this notice MUST be returned with the reply.


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 Initial Patent Examination Division (703) 308-1202

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